

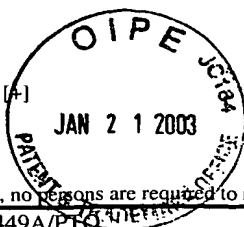
COPENDING APPLICATIONS

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	<u>Atty. Docket No.</u>	<u>Serial Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>	<u>Portion</u>
LCC	8745	10/272,883	DuVal et al.	10-17-02	Claims
LCC	8744	10/272,966	Gaaloul et al.	10-17-02	Claims
LCC	7865C	10/147,538	Powers et al.	5-16-02	Claims
LCC	7864C	10/147,653	Van Hauwermeiren	5-16-02	Claims
LCC	7343M	09/831,196	Bodet et al.	5-07-01	Claims
LCC	7342M	09/831,195	McKenzie et al.	5-07-01	Claims
LCC	7022 C	10/128,091	Hortel et al.	4-23-02	Claims
LCC	7021C	10/151,337	Hortel et al.	5-20-02	Claims
LCC	CM2236UC	10/147,663	Van Hauwermeiren	5-16-02	Claims
LCC	CM2235UC	10/147,768	Bodet et al.	5-16-02	Claims

[ones that are pending at time of this filing; others that have issued get cited on the PTO/SB08.]

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SHEET 1 of 2

Application Number	09/831,783
Confirmation Number	9667
Filing Date	May 14, 2001
First Named Inventor	Kristen Lynne McKenzie
Group Art Unit	Not yet assigned 1744
Examiner Name	Not yet assigned
Attorney Docket Number	7341

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-3,849,195	11-19-1974	Powell, Jr. et al.	
		US-3,946,599	03-30-1976	Patt	
		US-4,069,541	01-24-1978	Williams et al.	
		US-4,103,519	08-01-1978	Davidson	
		US-4,168,560	09-25-1979	Doyel	
		US-4,183,011	01-08-1980	Massa	
		US-4,225,803	09-30-1980	Geof	
		US-4,250,586	02-17-1981	Timian	
		US-4,307,484	12-29-1981	Williams	
LCC		US-4,308,229	12-29-1981	Voit	
LCC		US-4,448,750	05-15-1984	Fuesting	
LCC		US-4,830,784	05-16-1989	Meffert et al.	
LCC		US-5,202,523	04-13-1993	Grossman et al.	
LCC		US-5,218,980	06-15-1993	Evans	
		US-5,247,716	09-28-1993	Bock	
LCC		US-5,309,590	05-10-1994	Giuliani et al.	
LCC		US-5,377,709	01-03-1995	Shibano	
LCC		US-5,450,646	09-19-1995	McHugh et al.	
LCC		US-5,454,659	10-03-1995	Vosbikian et al.	
LCC		US-5,464,477	11-07-1995	Awad	
LCC		US-5,467,492	11-21-1995	Chao et al.	
LCC		US-5,529,788	06-25-1996	De Senna	
		US-5,640,960	06-24-1997	Jones et al.	
LCC		US-5,697,115	12-16-1997	Sciarra et al.	
LCC		US-5,718,014	02-17-1998	DeBlois et al.	
		US-5,770,801	06-23-1998	Wang et al.	
LCC		US-5,849,039	12-15-1998	Sadlowski	
LCC		US-5,863,299	01-26-1999	Holt et al.	
LCC		US-5,872,090	02-16-1999	You et al.	
LCC		US-5,891,197	04-06-1999	Young et al.	
LCC		US-5,906,687	05-25-1999	Masui et al.	
LCC		US-6,004,403	12-21-1999	Gray et al.	
LCC		US-6,376,444 B1	04-23-2002	Hortel et al.	
LCC		US-6,391,061 B1	05-21-2002	Hortel et al.	
LCC		US-2001/0037537 A1	11-08-2001	Kitaori et al.	
LCC		US-2002/0036444 A1	03-28-2002	Yamashiro et al.	

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FOREIGN PATENT DOCUMENTS

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LCC		DE 197 12 401 C1	05-20-1998	Krupp VDM GmbH	English Abstract	Y
LCC		DE 35 34 898 A1	04-09-1987	Durr-Dental GmbH	English Abstract	Y
LCC		EP 128 277 B1 ✓	02-03-1988	Lex, Franz	English Claims	Y
		EP 856 277 A1 ✓	08-05-1998	Henkel	English Translation	Y
LCC		FR 1.102.562	10-24-1955	Ateliers de Constructions Electriques de Charleroi	English Explanation	Y
LCC		GB 2 237 504 A	05-08-1991	Kerry Ultrasonics Limited		
LCC		JP 04-050361	02-19-1992	Toyo Kikai Shoji KK	English Abstract	Y
LCC		JP 09-205074	08-05-1997	Sony Corp.	English Abstract	Y
		JP 10-165228	06-23-1998	Kanetsuki Sumio	English Translation	Y
		JP 11-047601	02-23-1999	Sharp Corp.	English Abstract	Y
LCC		JP 2000-157941 A	06-13-2000	Kao Corporation	English Translation	Y
LCC		JP 2001-113087 A	04-24-2001	Kao Corporation	English Translation	Y
LCC		JP 2001-205206	07-31-2001	Kao Corporation	English Translation	Y
LCC		JP 2001-310094	11-06-2001	Kao Corporation	English Translation	Y
LCC		JP 2001-310095	11-06-2001	Kao Corporation	English Translation	Y
LCC		JP 2001-310165	11-06-2001	Kao Corporation	English Translation	Y
LCC		JP 2002-035485 A	02-05-2002	Kao Corporation	English Translation	Y
LCC		JP 2002-102578 A	04-09-2002	Kao Corporation	English Translation	Y
LCC		JP 2002-166238 A	06-11-2002	Kao Corporation	English Translation	Y
LCC		JP 2002-186921 A	07-02-2002	Kao Corporation	English Translation	Y
LCC		JP 2002-191892 A	07-10-2002	Kao Corporation	English Translation	Y
LCC		JP 2002-191893 A	07-10-2002	Kao Corporation	English Translation	Y
		JP 61-199829	09-04-1986	Chan Shin Run	English Abstract	Y
LCC		JP 61-249500	11-06-1986	Keisuke Honda	English Translation	Y
LCC		WO 97/26821	07-31-1997	The Procter & Gamble Co.		
LCC		WO 97/29178	08-14-1997	The Procter & Gamble Co.		
LCC		WO 98/14985	04-09-1998	Verteq, Inc.		

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DATE CONSIDERED *5/20/2003*

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<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 10px 0;">(use as many sheets as necessary)</p> <p style="margin-top: 20px;">SHEET 1 of 1</p>	<p>COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>09/831,783</td> </tr> <tr> <td>Confirmation Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td>5/14/2001</td> </tr> <tr> <td>First Named Inventor</td> <td>K. L. McKenzie</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>7341</td> </tr> </table>	Application Number	09/831,783	Confirmation Number		Filing Date	5/14/2001	First Named Inventor	K. L. McKenzie	Group Art Unit		Examiner Name		Attorney Docket Number	7341
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First Named Inventor	K. L. McKenzie														
Group Art Unit															
Examiner Name															
Attorney Docket Number	7341														

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LCC	01	3,849,195	Powell, Jr. et al.	11/19/1974	
LCC	02	3,937,326	Schick	02/10/1976	
LCC	03	3,946,599	Patt	03/30/1976	
LCC	04	4,069,541	Williams et al.	01/24/1978	
LCC	05	4,103,519	Davidson	08/01/1978	
LCC	06	4,168,560	Doyel	09/25/1979	
LCC	07	4,183,011	Massa	01/08/1980	
LCC	08	4,225,803	Goof	09/30/1980	
LCC	09	4,250,586	Timian	02/17/1981	
LCC	10	4,307,484	Williams	12/29/1981	
LCC	11	5,247,716	Bock	09/28/1993	
LCC	12	5,640,960	Jones et al.	06/24/1997	
LCC	13	5,770,801	Wang et al.	06/23/1998	

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LCC	14	EP 0 856,277 A1	Henkel Kommanditgesellschaft auf Aktien	08/05/1998		X
LCC	15	JP 10-165228 ✓	Kanetsuki Sumio	06/23/1998		X
LCC	16	JP 6-1199829 ✓	Chan Shin-Run	009/04/1986		Abstract
LCC	17	WO 99/42553	Procter & Gamble	08/26/1999		
	18	FR 1 402 562	Ateliers De Const.	10/24/1955		
LCC	19	JP 11047061 ✓	Sharp Corp.	02/23/1999		Abstract

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	Application Number	09/831,783
	Confirmation Number	9667
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	First Named Inventor	McKenzie et al.
	Group Art Unit	1744
	Examiner Name	Not Yet Assigned
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CC		4,032,803		Durr et al.	6/28/1977	

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